

10/679154

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5465304").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 16:16
S1	526	(382/176).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:29
S2	1144	(382/173).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:15
S3	1395	(382/181).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:15
S4	3766	(358/1.9).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:15
S5	125	(715/520).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:15
S6	322	(715/507).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:16
S7	1006	(715/530).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:16
S8	8070	S1 S2 S3 S4 S5 S6 S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:16

## EAST Search History

S9	22	S8 and (ground adj truth\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:18
S10	102	("5761686" "5809266" "6160549" "6360011" "6501864" "6567546" "5500932" "5973692" "6008085" "6052486" "6057842" "6133599" "6181838" "6278556" "4949287" "5821929" "5699453" "4823303" "5689585" "5757963" "6064397" "5051930" "5031121" "5329289" "5353222" "5613046" "5668931" "5729632" "5751921" "5760912" "5802535" "5881381" "5956157" "6009198" "6009196" "6043823" "6175662" "6201894" "6226419" "6226419" "6233353" "6341176" "6539365" "6571072" "6704024" "6795664" "6885768" "5975743" "4891771" "5765176").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:17
S11	0	S10 and (ground adj truth\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:17
S12	19	S9 and @ad<="20031003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:19
S13	2	("5596665").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:19
S14	2	("5596655").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:19
S15	2	("6151426").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/26 08:19

## EAST Search History

S16	2	("5596655").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 09:11
S17	2	("6151426").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 09:13
S18	2	("5317680").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/07 09:13
S19	252	(382/180).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:40
S20	91	S19 and segmentation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:50
S21	38	S20 and (rectangle\$1 or boxes)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:42
S22	4	S20 and (draw\$3 near (rectangle\$1 or boxes))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:42
S23	8	S19 and (region\$1 near segmentation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:46
S24	0	S19 and ((region\$1 and typ\$3) near segmentation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:47
S25	8	S19 and ((region\$1 or typ\$3) near segmentation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:47

## EAST Search History

S26	0	S19 and ((typ\$3) near segmentation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:47
S27	16	((region\$1 and typ\$3) near segmentation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:51
S28	3	S27 and layout\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:48
S29	11784	(imag\$3 near segment\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:50
S30	12	S29 and (((region\$1 and typ\$3) near segmentation))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:52
S31	2	("5596655").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:54
S32	2	("6151426").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/30 14:54
S33	7	("5596655").PN. OR ("6151426").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 14:55
S34	28	("4503556"   "4833722"   "5050222"   "5091964"   "5123062"   "5134666"   "5216724"   "5280367"   "5331442").PN. OR ("5596655").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/30 14:56
S35	585	(ground adj truth\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/07 12:38

## EAST Search History

S36	4	(ground adj truth\$3) with layout\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/07 12:38
S37	590	(groundtruth\$3 or (ground adj truth\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:10
S38	34	(groundtruth\$3 or (ground adj truth\$3)) and ((optical adj character adj recognition) or ocr)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:12
S39	15	(groundtruth\$3 or (ground adj truth\$3)) and ((optical adj character adj recognition) or ocr) and layout\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:24
S40	93	simske.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:18
S41	50	simske.in. and (hewlett.as.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:22
S42	21	("4484349"   "5396616"   "5530907"   "5555362"   "5557795"   "5701479"   "5764866"   "5822454"   "5848184"   "5893127"   "5995996"   "5999664"   "6078697"   "6088480"   "6163623"   "6252614"   "6415306"   "6446099"   "6674901"   "6731800"   "6735740").PN. OR ("6880122"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/10 16:20
S43	70	S41 or S42	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:22
S44	63	S43 and @ad<="20031003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:23

## EAST Search History

S45	37	S44 and @pd<="20031003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:32
S46	0	S45 and (groundtruth\$3 or (ground adj truth\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:28
S47	0	gross.in. and ericsson.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:29
S48	0	gross.in. and (ericsson.as.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:29
S49	0	"davis gross"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:30
S50	0	"david gross"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:30
S51	90	david near gross	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:32
S52	574	(715/526).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:32
S53	353	S52 and @pd<="20031003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:32
S54	511	S52 and @ad<="20031003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:32

## EAST Search History

S55	353	S54 and @pd<="20031003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:32
S56	29	S55 and (document\$1 with background\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/10 16:33
S57	2	("5317680").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/22 15:52
S58	2	("5596655").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/22 15:52
S59	14	"universal forms engine"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/23 07:44
S60	23	(US-5848184-\$ or US-6674901-\$ or US-5893127-\$ or US-6683984-\$ or US-6880122-\$ or US-6252985-\$ or US-6078697-\$ or US-5555362-\$ or US-6735740-\$ or US-5999664-\$ or US-6385351-\$ or US-5764866-\$ or US-6446099-\$ or US-6263122-\$ or US-6163623-\$ or US-6377703-\$ or US-5822454-\$ or US-5050222-\$ or US-6865576-\$ or US-5317680-\$ or US-6151426-\$ or US-5596655-\$ or US-5887082-\$).did.	USPAT	OR	OFF	2006/02/28 09:56
S61	7	S60 and layout\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 09:56
S62	3	S60 and ((document\$1 or image\$1) with (creat\$3 or generat\$3 or construct\$3) with layout\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 10:00

## EAST Search History

S63	2	S60 and ((document\$1 or image\$1) with (creat\$3 or generat\$3 or construct\$3) with layout\$1) and classif\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 10:03
S64	549	((document\$1 or image\$1) with (creat\$3 or generat\$3 or construct\$3) with layout\$1) and classif\$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 10:26
S65	338	S64 and @ad<="20021003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 10:26
S66	23	(US-5848184-\$ or US-6674901-\$ or US-5893127-\$ or US-6683984-\$ or US-6880122-\$ or US-6252985-\$ or US-6078697-\$ or US-5555362-\$ or US-6735740-\$ or US-5999664-\$ or US-6385351-\$ or US-5764866-\$ or US-6446099-\$ or US-6263122-\$ or US-6163623-\$ or US-6377703-\$ or US-5822454-\$ or US-5050222-\$ or US-6865576-\$ or US-5317680-\$ or US-6151426-\$ or US-5596655-\$ or US-5887082-\$).did.	USPAT	OR	OFF	2006/02/28 11:16
S67	12	S66 and (mouse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 11:16
S68	21	S66 and (mouse or point\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 11:18
S69	8	S66 and (mouse with (point\$3 or select\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 11:19
S70	7	S66 and ((generat\$3 or creat\$3 or extract\$3 or construct\$3) with (layout\$1 or template\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 11:24



## EAST Search History

S71	22	S66 and (classif\$8 or typ\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 11:24
S72	21	("4484349"   "5396616"   "5530907"   "5555362"   "5557795"   "5701479"   "5764866"   "5822454"   "5848184"   "5893127"   "5995996"   "5999664"   "6078697"   "6088480"   "6163623"   "6252614"   "6415306"   "6446099"   "6674901"   "6731800"   "6735740").PN. OR ("6880122"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/28 11:48
S73	9	S72 and (user\$1 with (input\$1 or select\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 11:49
S74	1	S73 and (hewlett.as.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 11:52
S75	8	S73 not S74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 11:49
S76	4	US-5596655-\$.DID. OR US-6151426-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:01
S77	1983	(segment\$5 with analys\$4) with (document\$1 or image\$1 or publication\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:36
S78	1640	S77 and @ad<="20031003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:38
S79	890	S78 and scann\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:39

## EAST Search History

S80	92	S79 and (select\$4 with mouse)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 12:39
S81	2	("5,555,362").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 09:54
S82	22	(US-6735740-\$ or US-6446099-\$ or US-6078697-\$ or US-5893127-\$ or US-5555362-\$ or US-6385351-\$ or US-5596655-\$ or US-5999664-\$ or US-6151426-\$ or US-5822454-\$ or US-6163623-\$ or US-5848184-\$ or US-6880122-\$ or US-6683984-\$ or US-6263122-\$ or US-5050222-\$ or US-5764866-\$ or US-6865576-\$ or US-5317680-\$ or US-5887082-\$ or US-6252985-\$ or US-6377703-\$). did.	USPAT	OR	OFF	2006/03/16 10:11
S83	0	S82 and (bit adj depth\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:12
S84	16	S82 and (color\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:13
S85	1	S82 and ((color\$1) same segment\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:14
S86	0	S82 and (modalit\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:14
S87	12829	(modalit\$3 or color\$1 or (bit\$1 with depth\$1) or grayscale\$3 or (line adj art)) with (segment\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:22

## EAST Search History

S88	10720	S87 and @ad<="20031003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:16
S89	0	S88 and hewlet.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:16
S90	123	S88 and packard.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:16
S91	0	S88 and (packard.as. and simke.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:17
S92	1	S88 and (packard.as. and (simske.in. or sturgell.in.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:17
S93	1	S88 and (packard.as. and (simske.in.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:18
S94	3	S88 and ((simske.in.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:20
S95	20	US-6327043-\$.DID. OR US-6256104-\$.DID. OR US-6252677-\$.DID. OR US-6006013-\$.DID. OR US-5933256-\$.DID. OR US-5767978-\$.DID. OR US-5734368-\$.DID. OR US-5704021-\$.DID. OR US-5611030-\$.DID. OR US-5579446-\$.DID.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:20
S96	2	S95 and ((modalit\$3 or color\$1 or (bit\$1 with depth\$1) or grayscale\$3 or (line adj art)) with (segment\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 10:22

## EAST Search History

S97	22	(US-6735740-\$ or US-6446099-\$ or US-6078697-\$ or US-5893127-\$ or US-5555362-\$ or US-6385351-\$ or US-5596655-\$ or US-5999664-\$ or US-6151426-\$ or US-5822454-\$ or US-6163623-\$ or US-5848184-\$ or US-6880122-\$ or US-6683984-\$ or US-6263122-\$ or US-5050222-\$ or US-5764866-\$ or US-6865576-\$ or US-5317680-\$ or US-5887082-\$ or US-6252985-\$ or US-6377703-\$). did.	USPAT	OR	OFF	2006/03/16 13:02
S98	5	S97 and (simske.in.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 11:44
S99	13	S97 and (classif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 11:47
S10 0	13	S97 and (user with input\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 11:48
S10 1	5	S97 and ((user with input\$4) and (classif\$7 and segment\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 11:50
S10 2	5	S97 and ((user with input\$4) and (classif\$7 and segment\$5) and (point\$3 or click\$3 or select\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 11:58
S10 3	8	S97 and ((classif\$7 and segment\$5) and (point\$3 or click\$3 or select\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 11:51
S10 4	5	S97 and (verticies or poly\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:09

## EAST Search History

S10 5	13	S97 and ((file\$1 or image\$1) with (dimension\$1 or siz\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:18
S10 6	9	S105 and (dimension\$3 or resolution\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:25
S10 7	10	S97 and (templat\$3 or model\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:26
S10 8	7	S97 and ((templat\$3 or model\$4) and (seek\$3 or search\$3 or identify\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:26
S10 9	13	S97 and (overlap\$3 or cros\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:46
S11 0	0	S97 and (z adj order\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:47
S11 1	0	S97 and (z-order\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:47
S11 2	30	(segment\$5 or classif\$7) with (z-order\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:48
S11 3	28	S112 and @ad<="20031003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:48
S11 4	2	S113 and scann\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:49

## EAST Search History

S11 5	2	S113 and scanner\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:49
S11 6	2	S112 and scanner\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 12:49
S11 7	9	S97 and model\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 13:18
S11 8	2	("6594030").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 13:18
S11 9	23	(US-6735740-\$ or US-6446099-\$ or US-6078697-\$ or US-5893127-\$ or US-5555362-\$ or US-6385351-\$ or US-5596655-\$ or US-5999664-\$ or US-5822454-\$ or US-6163623-\$ or US-5848184-\$ or US-6880122-\$ or US-6683984-\$ or US-6263122-\$ or US-5050222-\$ or US-5764866-\$ or US-5317680-\$ or US-5887082-\$ or US-6252985-\$ or US-6377703-\$ or US-5767978-\$ or US-6252677-\$ or US-6594030-\$).did.	USPAT	OR	OFF	2006/03/16 13:50
S12 0	6	S119 and skew\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:32
S12 1	18	S119 and (search\$3 or compar\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:32

## EAST Search History

S12 2	26	("5297032"   "5305200"   "5319745"   "5465353"   "5581752"   "5748780"   "5758062"   "5822454"   "5874717"   "5881230"   "5896252"   "5920870"   "5923504"   "5933823"   "5949622"   "5986858"   "5999664"   "6023684"   "6032184"   "6049664"   "6104834"   "6128602").PN. OR ("6446099").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/16 14:40
S12 3	13	S122 and (scanner\$1 or scanning)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:41
S12 4	11	S123 and (color\$1 or depth\$1 or position\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:42
S12 5	9	S123 and (color\$1 or depth\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 14:47
S12 6	3	S122 and ((search\$3 or compar\$3) with (templat\$3 or model\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:33
S12 7	2	("5,767,978").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:33
S12 8	23	(US-6735740-\$ or US-6446099-\$ or US-6078697-\$ or US-5893127-\$ or US-5555362-\$ or US-6385351-\$ or US-5596655-\$ or US-5999664-\$ or US-5822454-\$ or US-6163623-\$ or US-5848184-\$ or US-6880122-\$ or US-6683984-\$ or US-6263122-\$ or US-5050222-\$ or US-5764866-\$ or US-5317680-\$ or US-5887082-\$ or US-6252985-\$ or US-6377703-\$ or US-5767978-\$ or US-6252677-\$ or US-6594030-\$).did.	USPAT	OR	OFF	2006/03/16 16:35

## EAST Search History

S129	20	S128 and (choos\$3 or select\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:36
S130	16	S128 and ((choos\$3 or select\$3) with (region\$1 or partial\$2 or image\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:39
S131	6	S130 and manual\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:43
S132	4	S128 and (manual\$2 with (select\$4 or choos\$3 or designat\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:56
S133	18	S128 and (color\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:56
S134	20	S128 and (color\$1 or depth\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 16:57
S135	3	S128 and (color\$1 and depth\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:02
S136	453384	(display\$3 with image\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:02
S137	8814	(display\$3 with image\$1) with scanner\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:02
S138	8171	(display\$3 with image\$1) with (segment\$5 or classif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:03



## EAST Search History

S13 9	90	(display\$3 with image\$1) with (segment\$5 and classif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:03
S14 0	76	S139 and @ad<="20031003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:21
S14 1	5	S140 and (file\$1 with siz\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:08
S14 2	45	S140 and ((screen near siz\$3) or resolution\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:09
S14 3	0	S140 and (((screen near siz\$3) or resolution\$1) same (bit adj depth\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:09
S14 4	3	S140 and (((screen near siz\$3) or resolution\$1) same (depth\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:11
S14 5	30	S140 and (scal\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:11
S14 6	23	S140 and (imag\$3 with scal\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:11
S14 7	53	simske.in. and (packard.as. or hewlett.as.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:18
S14 8	43	S147 and @ad<="20031003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:21

## EAST Search History

S149	7	S148 and (imag\$3 with display\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:22
S150	3	S148 and (imag\$3 with siz\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 17:22
S151	2	("5,822,454").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/18 15:02
S152	2	("6,594,030").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/18 15:14
S153	1274	(715/517,526).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/18 15:15
S154	2436	(715/517,526,501.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/18 15:15
S155	2729	(382/173,305,176,180).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/18 15:16
S156	5136	S154 S155	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/18 15:16
S157	4390	S156 and @ad<="20031003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/18 15:16
S158	709	S157 and (segment\$5 and classif\$7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/18 15:17

## EAST Search History

S15 9	430	S157 and (segment\$5 and classif\$7) and (scanner\$1 or scanning\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/18 15:17
S16 0	2147	(715/517,501.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 12:47
S16 1	2964	(382/173,305,526,176,180).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 12:48
S16 2	5089	S160 S161	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 12:48
S16 3	4183	S162 and @ad<="20031003"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 12:48
S16 4	655	S163 and (imag\$3 near segment\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 12:48
S16 5	120	S163 and (imag\$3 near segment\$5) and templat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 12:48
S16 6	78	S163 and (imag\$3 near segment\$5) and templat\$3 and search\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/12 12:49
S16 7	303	(interactive\$2 near (segment\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/20 14:51

## EAST Search History

S16 8	232	S167 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/20 14:53
S16 9	1	(interactive\$2 near (imag\$3 with segment\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/20 14:52
S17 0	364	(interactive\$2 with (imag\$3 with segment\$5))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/20 14:52
S17 1	252	S170 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/20 14:53
S17 2	24	S171 and (graphical adj user adj interfac\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/20 15:03
S17 3	9	S172 and (templat\$3 or layout\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/20 15:05
S17 4	2	S172 and ((defin\$3 or creat\$3 or generat\$3 or comput\$3 or calculat\$3) with (templat\$3 or layout\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/20 15:07

## EAST Search History

S17 5	30	S170 and ((defin\$3 or creat\$3 or generat\$3 or comput\$3 or calculat\$3) with (templat\$3 or layout\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/20 15:25
S17 6	5	xerox.as. and baird.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/20 15:25
S17 7	2	xerox.as. and baird.in. and model\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/20 15:26
S17 8	0	xerox.as. and baird.in. and wood.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/20 15:26
S17 9	0	parc.as. and baird.in. and wood.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/20 15:26
S18 0	132684	xerox.as. or parc.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 10:33
S18 1	34	S180 and (kopec.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 10:34

## EAST Search History

S18 2	16	S181 and (interactive\$2 or user\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 10:35
S18 3	17	S181 and (interactive\$2 or user\$1 or manual\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 10:35
S18 4	790	(groundtruth\$3 or (ground adj truth\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 10:37
S18 5	2	S184 and (image adj layout\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 10:37
S18 6	69	simske.in. and (hewlett.as. and packard.as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/26 10:38
S18 7	9	("5596655").PN. OR ("6151426"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/26 10:39
S18 8	1430	(interactive\$2 with ((optical adj character adj recognition) or OCR or scan\$1 or scanning\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:18

## EAST Search History

S18 9	1090	S188 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:18
S19 0	14728	((interactive\$2 or manual\$2) with ((optical adj character adj recognition) or OCR or scan\$1 or scanning\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:18
S19 1	5926	((interactive\$2 or manual\$2) near3 ((optical adj character adj recognition) or OCR or scan\$1 or scanning\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:19
S19 2	4545	S191 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:20
S19 3	1057	((user\$1 near3 (interactive\$2 or manual\$2 or specif\$4)) near3 ((optical adj character adj recognition) or OCR or scan\$1 or scanning\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:19
S19 4	4545	S192 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:20
S19 5	810	S193 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:44

## EAST Search History

S19 6	721	S195 not calendar\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:31
S19 7	618	S196 and type\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:32
S19 8	135	S196 and ((image or document or scan) near type\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:32
S19 9	109	S198 and (user\$1 with select\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:33
S20 0	107	S198 and (user\$1 near3 select\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:36
S20 1	44	S196 and ((user\$1 near3 select\$4) with (region\$1 or section\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:44
S20 2	888	layout adj2 analys\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:44



## EAST Search History

S20 3	602	S202 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 10:35
S20 4	126	S203 and (user adj2 (defin\$3 or specif\$4 or assign\$3 or select\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:49
S20 5	123	S204 not (hewlett.as. and packard.as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 10:35
S20 6	3	S204 and (hewlett.as. and packard.as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 09:52
S20 7	14	(US-5767978-\$ or US-6768816-\$ or US-5159667-\$ or US-5768333-\$ or US-5555362-\$ or US-6252677-\$ or US-6594030-\$ or US-6751780-\$ or US-6957384-\$ or US-6151426-\$ or US-5592576-\$ or US-6459499-\$ or US-6466954-\$ or US-6980332-\$). did.	USPAT	OR	OFF	2007/03/05 09:51
S20 8	3	S207 and (hewlett.as. and packard.as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 10:03
S20 9	10	US-4823395-\$.DID. OR US-5818976-\$.DID. OR US-5901253-\$.DID. OR US-5978519-\$.DID. OR US-6151426-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 10:04

## EAST Search History

S21 0	6	US-5296939-\$.DID. OR US-5682540-\$.DID. OR US-4034341-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 10:04
S21 1	8	("5596655"   "5732230"   "5872569"   "5907665"   "5960448"   "6011553").PN. OR ("6751780"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 10:34
S21 2	8	S211 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 10:42
S21 3	5	S212 not (hewlett.as. and packard. as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 10:42
S21 4	725	(imag\$3 with layout\$1 with (definition\$1 or template\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 10:41
S21 5	709	S214 not (hewlett.as. and packard. as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:16
S21 6	377	S215 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:14

## EAST Search History

S21 7	180	S216 and ((creat\$3 or generat\$3) with (layout\$1 or definition\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 10:46
S21 8	122	S216 and ((creat\$3 or generat\$3) near (template\$1 or layout\$1 or definition\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:13
S21 9	36	S218 and (scanning or scanned or scanner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 10:48
S22 0	2148	((creat\$3 or generat\$3) near (template\$1 or layout\$1 or definition\$1)) with (imag\$3 or photo\$1 or photograph\$1 or picture\$1 or graphic\$1 or bitmap\$1 or raster\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:13
S22 1	1526	S220 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:42
S22 2	0	(imag\$3 near layout\$1 near definiiton\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:15
S22 3	0	(imag\$3 near layout\$1 near definiton\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:15

## EAST Search History

S22 4	436	S221 and (interact\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:16
S22 5	435	S224 not (hewlett.as. and packard.as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:34
S22 6	13	S225 and ((pre adj (defined or existing)) near template\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:35
S22 7	37	S225 and ((pre adj (defined or existing) or existing) near template\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:35
S22 8	398	S225 not S227	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:39
S22 9	520	(document\$1 near imag\$3) same ((defin\$3 or assign\$3 or designat\$3 or highlight\$3 or mark\$3) near (region\$1 or zone\$1 or area\$1 or (sub adj image\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:41
S23 0	47	((document\$1 near imag\$3) same ((defin\$3 or assign\$3 or designat\$3 or highlight\$3 or mark\$3) near (region\$1 or zone\$1 or area\$1 or (sub adj image\$1)))) same (layout\$1 or template\$1 or definition\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:43

## EAST Search History

S23 1	37	S230 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:44
S23 2	24	((document\$1 near imag\$3) same ((defin\$3 or assign\$3 or designat\$3 or highlight\$3 or mark\$3) near (region\$1 or zone\$1 or area\$1 or (sub adj image\$1)))) same ((creat\$3 or defin\$3 or generat\$3) with (layout\$1 or template\$1 or definition\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:43
S23 3	24	((document\$1 near (bitmap\$1 or raster\$1 or imag\$3)) same ((defin\$3 or assign\$3 or designat\$3 or highlight\$3 or mark\$3) near (region\$1 or zone\$1 or area\$1 or (sub adj image\$1)))) same ((creat\$3 or defin\$3 or generat\$3) with (layout\$1 or template\$1 or definition\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:44
S23 4	21	S233 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:43
S23 5	20	S234 not (hewlett.as. and packard.as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:20
S23 6	2	("5416849").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 11:59
S23 7	37	("4020462"   "4741045"   "4813077"   "4949392"   "5010580"   "5025484"   "5050222"   "5093873"   "5123062"   "5140650"   "5199081"   "5229589").PN. OR ("5416849").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 12:05

## EAST Search History

S23 8	35	S237 not (hewlett.as. and packard. as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:43
S23 9	1	(US-5416849-\$).did.	USPAT	OR	OFF	2007/03/05 12:39
S24 0	1	S239 and typ\$3	USPAT	OR	OFF	2007/03/05 12:39
S24 1	37	("4020462"   "4741045"   "4813077"   "4949392"   "5010580"   "5025484"   "5050222"   "5093873"   "5123062"   "5140650"   "5199081"   "5229589").PN. OR ("5416849").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/05 12:42
S24 2	35	S241 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:55
S24 3	33	S242 not (hewlett.as. and packard. as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:55
S24 4	33	S243 and (imag\$3 or multimedia\$1 or picture\$1 or photo\$1 or photograph\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:44
S24 5	29	S243 and (images or multimedia\$1 or picture\$1 or photo\$1 or photograph\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:45

## EAST Search History

S24 6	29	S245 and (designat\$3 or mark\$3 or indicat\$3 or identify\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:48
S24 7	15	S246 and (text\$5 with extract\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:49
S24 8	14	S246 not S247	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:52
S24 9	13101	((defin\$3 or mark\$3) near (region\$1 or zone\$1 or area\$1)) with (imag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:53
S25 0	1136	((((defin\$3 or mark\$3) near (region\$1 or zone\$1 or area\$1)) with (imag\$3)) same (scanning or digitiz\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:54
S25 1	846	S250 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:55
S25 2	835	S251 not (hewlett.as. and packard. as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 12:58

## EAST Search History

S25 3	18	S252 and ((creat\$3 or defin\$3) near (layout\$1 or template\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 13:20
S25 4	5	arzoomanian.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 13:20
S25 5	147	(richard.in. and weeks.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 13:20
S25 6	0	(richard.in. and weeks.in.) and xerox.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 13:21
S25 7	147	(richard.in. and weeks.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/05 13:21
S25 8	16	(ground adj truth) with (generat\$3 or creat\$3) with image\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:10
S25 9	16	S258 and 2ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:09



## EAST Search History

S26 0	7	S258 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:12
S26 1	3	S260 and interact\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:10
S26 2	2	interactive\$2 same ((ground adj truth) with (generat\$3 or creat\$3 or defin\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:11
S26 3	19	(interactive\$2 or manual\$2) same ((ground adj truth) with (generat\$3 or creat\$3 or defin\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:11
S26 4	19	(interactive\$2 or manual\$2) same ((ground adj truth) with (generat\$3 or creat\$3 or defin\$3 or generat\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:11
S26 5	11	S264 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:39
S26 6	0	phillips.in. and haralick.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:39

## EAST Search History

S26 7	29	phillips.in. and rogers.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:40
S26 8	19429	phillips.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:40
S26 9	140	phillips.in. and seattle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:40
S27 0	27	phillips.in. and seattle and university	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:45
S27 1	46	zone adj manipulation\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:46
S27 2	0	S271 and hewlett.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/08 11:46
S27 3	0	yanikoglu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:30

## EAST Search History

S27 4	34299	vincent.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:30
S27 5	602	vincent.in. and ((international.as. and business.as.) or (xerox.as.))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:31
S27 6	5	(vincent.in. and luc.in.) and ((international.as. and business.as.) or (xerox.as.))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:31
S27 7	2	(gang.in. and zi.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:33
S27 8	1	(doermann.in. and david.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:33
S27 9	10	(yalin.in. and wang.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:34
S28 0	0	(ihsin.in. and phillips.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:34

## EAST Search History

S28 1	5	(robert.in. and haralick.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:35
S28 2	299	(rogers.in.) and washington	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:35
S28 3	12	(rogers.in.) and (university with washington)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:36
S28 4	29	(hobby.in. and john.in.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:36
S28 5	27923	(hobby.in. and john.in.) and bell.as. or lucent.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:36
S28 6	12	(hobby.in. and john.in.) and (bell.as. or lucent.as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:37
S28 7	24	yacoub.in. and sherif.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:38

## EAST Search History

S28 8	3	vinay.in. and saxena.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:38
S28 9	0	sayeed.in. and "nusrulla.in" and sami.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:39
S29 0	6	kanungo.in. and tapas.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:40
S29 1	10864	chang.in. and lee.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:40
S29 2	5	chang.in. and lee.in. and maryland	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:40
S29 3	122	(automatic\$4 near segment\$5) near imag\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:42
S29 4	81	S293 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:57

## EAST Search History

S29 5	81	S294 not (hewlett.as. and packard. as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:58
S29 6	6	S295 and ((ground adj truth\$3) or groundtruth\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:44
S29 7	6	S293 and S296	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:44
S29 8	6	S295 and (((ground adj truth\$3) or groundtruth\$3) and ((automatic\$4 near segment\$5) with imag\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:56
S29 9	0	(autmomatic\$4 with imag\$3 with segment\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:57
S30 0	0	(autmoma\$7 with imag\$3 with segment\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:57
S30 1	2440	(automa\$7 with imag\$3 with segment\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:57

## EAST Search History

S30 2	187	(automa\$7 near imag\$3 near segment\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 11:57
S30 3	130	S302 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 12:08
S30 4	130	S303 not (hewlett.as. and packard. as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 12:08
S30 5	3	S304 and ((ground adj truth\$3) or groundtruth\$3 or OCR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 12:08
S30 6	1520	(imag\$3 with classif\$7 with segment\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 12:07
S30 7	1139	S306 and @ad<="20031003"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 12:08
S30 8	1112	S307 not (hewlett.as. and packard. as.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 12:08

## EAST Search History

S30 9	147	S308 and ((ground adj truth\$3) or groundtruth\$3 or OCR)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 12:12
S31 0	2	("5465304").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/09 12:12